

FIG. I

Pa, Pb: SAMPLE SHOTS FOR PREALIGNMENT
Ta—Td: SAMPLE SHOTS FOR GLOBAL TILTING
Aa—Ad: SAMPLE SHOTS FOR GLOBAL ALIGNMENT
1—32: EXPOSURE SHOTS (TO BE EXPOSED IN
NUMERICAL ORDER)

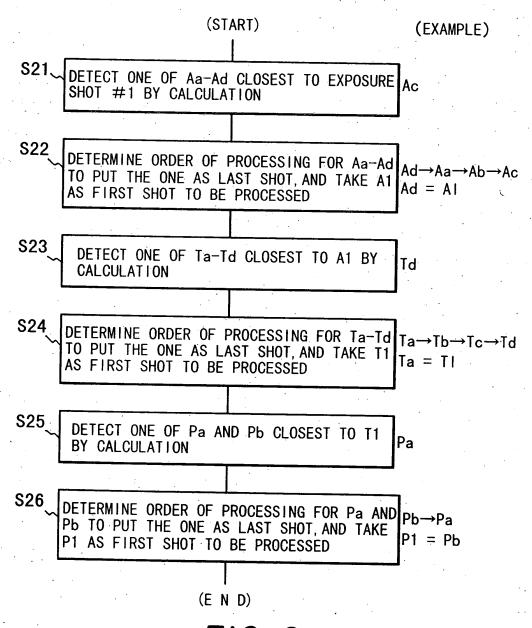


FIG. 2

· **	29	30	31	32	
	Aa	Та		Ad	
28	27	26	25	24	23
	Pa			Td	
17	18	19	20	21	22
	Tb			Pb	
16	15	14	13	12	11
	Ab	•	Тс	Ac	
5	6	-7.	8	9	10
				,	
	4	3	. 2	1	

FIG. 3

P1, P2 : SAMPLE SHOTS FOR PREALIGNMENT
T1—T4: SAMPLE SHOTS FOR GLOBAL TILTING
A1—A4: SAMPLE SHOTS FOR GLOBAL ALIGNMENT
1-32 : EXPOSURE SHOTS (TO BE EXPOSED IN
NUMERICAL ORDER)

MARKED WITH PAINTED CIRCLES MARKED WITH CIRCLES (EXPOSURE SHOTS #6-9,12,15, (EXPOSURE SHOTS #1-5, 10, 11 A4 = EXPOSURE SHOTS #1 A1→A2→A3→A4 16, 17, 22, 23, 28-21) EXPOSURE SHOT #24 EXPOSURE SHOT # 18, 21, 24-27) (EXAMPLE) SAMPLE SHOTS TO PUT THE ONE AS LAST SHOT. AND TAKE A1 AS FIRST SHOT TO BE PROCESSED SHOT OPTIONS FOR SAMPLE SHOTS OF SHOT OPTIONS FOR SAMPLE SHOTS OF TILTING DETECT ONE OF THEM CLOSEST TO EXPOSURE SHOT #1 BY CALCULATION DETERMINE POSITION AND PROCESS ORDER OF DETECT ONE OF THEM CLOSEST TO A1 BY CALCULATION (START) AL I GNMENT SELECT GLOBAL SELECT GLOBAL S42 S44 ~ S45~ S43~

1G. 4A

T4 = EXPOSURE SHOT #24 T1→T2→T3→T4	MARKED WITH TRIANGLES (EXPOSURE SHOTS #11,16,17,22)	EXPOSURE SHOT #17	P2 = EXPOSURE SHOT #17 P1→P2		F1G. 4A
SAMPLE SHOTS TO PUT THE ONE AS LAST SHOT. AND TAKE TI AS FIRST SHOT TO BE PROCESSED	S47 SELECT SHOT OPTIONS FOR SAMPLE SHOTS OF PREALIGNMENT	S48 DETECT ONE OF THEM CLOSEST TO T1 BY CALCULATION	S49 DETERMINE POSITION AND PROCESS ORDER OF SAMPLE SHOTS TO PUT THE ONE AS LAST SHOT, AND TAKE PI AS FIRST SHOT TO BE PROCESSED	(E N D)	F1G. 4B

F1G. 4

F1G. 4B

	A2 29	30	31	32	
	0	0	0	+	
	T1 -			O T4	
28	27	26	25	24	A1 23
●Δ P2	0			Ō	•
			l	İ	
17	18	19	20	21	22
•	0			0	●∆ P1
16	15	14	13	12	11
A3	O T2	0	0.	13 O	•
5		_			
	6	7	8	9	_10
•		•	•	•	
	4	3	2 .	A4 1	

FIG. 5

Pa, Pb: SAMPLE SHOTS FOR PREALIGNMENT
Ta-Td: SAMPLE SHOTS FOR GLOBAL TILTING
Aa-Ad: SAMPLE SHOTS FOR GLOBAL ALIGNMENT
Ea-Ed: OPTIONS FOR SHOT TO BE PROCESSED
FIRST IN EXPOSURE PROCESSING
1-32: EXPOSURE SHOTS (TO BE EXPOSED IN

NUMERICAL ORDER)

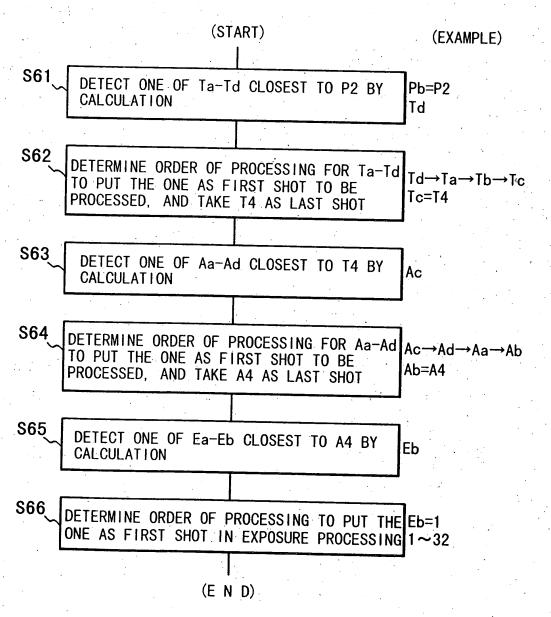


FIG. 6

	Ea			Ed	]
	32	31	30	29	
	Aa	Та		Ad	
23	24	25	26	27	28
	Pa			Td	
22	21	20	19	18	17
	Tb			Pb	
11	12	13	14	15	16
	Ab		Тс	<sup>-</sup> Ac	
10	. 9	8	7	6	5
	Eb	•		Ec	
	1	2	3	4	

FIG. 7

START FROM Ea

,	1	2	3	4	
10	9	8	7	6	5
11	12	13	14	15	16
22	21	20	19	18	17
23	24	25	26	27	28
	32	31	30	29	

FIG. 8A

START FROM Eb

	32	31	30	29	
23	24	25	26	27	28
22	21	20	19	18	17
11	12	13	14	15	16
10	9	8	7	6	5
ار،	1	2	3	4	.**

FIG. 8B

START FROM Ed

	-				
	4	3	2	1	
5	6	7	8	9	10
16	15	14	13	12	11
17.	18	19	20	21	22
28	27	26	25	24	23
	29	30	31	32	

FIG. 8D

START FROM Ec

,		29	30	31	32	
	28	27	26	25	24	23
	17	18	19	20	21	22
	16	15	14	13	12	11
	5	6	7	8	9	10
•		4	3	2	1	

FIG. 8C

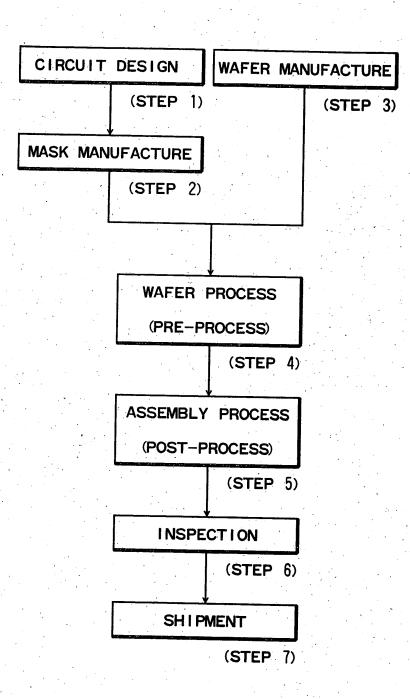


FIG. 9

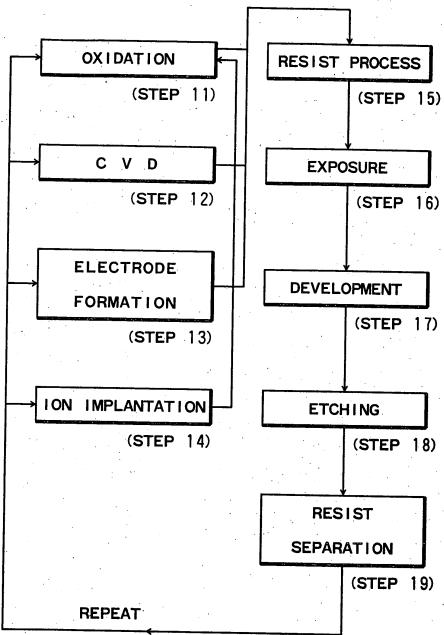


FIG. 10